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(54) POLYESTER COMPOSITION AND FILM THEREFROM

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a film, comprising a polyester composition containing hydroxyapatite particles having a specific particle diameter and a specific surface area, excellent in slipperiness, abrasion resistance and electric characteristics by specifying a specific resistance value in molten state of the polyester composition.

SOLUTION: This polyester composition includes hydroxyapatite particles having 0.01-10  $\mu\text{m}$  mean particle diameters, 50-500  $\text{m}^2/\text{g}$  BET specific surface area and  $\leq 0.5$  relative standard deviation of particle diameters, and has  $\geq 0.01 \times 10^9 \Omega \cdot \text{cm}$  specific resistance value in molten state. The film is obtained from the composition. The film can be preferably used for the usage of a magnetic recording medium, a capacitor, a food package, a general industrial use, etc.

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